

Ch. 4 Review - Apply Data ManagementPer Capital:  $\frac{\text{total}}{\text{pop}}$ 

Net Worth:

Percent Change:  $\frac{\text{new-old}}{\text{old}} \times 100$ Percentile Rank  $\frac{\text{rank}}{\text{rank}} = \frac{L + 0.5E}{n}$ Weighted Mean  $= \frac{n(0.70) + n(0.15) + n(0.15)}{n}$ 

Term 74

Cal 78  $76 = 74(0.70) + 73(0.15) + n(0.15)$ Exam ?  $76 = 51.8 + 11.7 + 0.15n$ 

$$76 = 63.5 + 0.15n$$

$$76 - 63.5 = 0.15n$$

$$\frac{12.5}{0.15} = \frac{0.15n}{0.15}$$

$$83 = n$$

Jan 11-12:07 PM

Statistics in the Media

- Ads often use statistical claims to convey a message - we must use critical thinking to understand how they might have manipulated statistics for their own purposes
- Data in graphs are sometimes not fully explained

Questions for Evaluating a Website: (You have these already!)

Author

- Who was the author of the website?
- Can the author be contacted?
- What are the authors qualifications and credentials?
- Is the author an authority on the subject?
- Is there a link you can find out more about the author?
- Does the document cite references?
- If primary research was done, was the method described?

Audience

- What is the purpose of the document/site?
- Who was it written for? (i.e. children, high school students, university students, special interest groups, etc)

Bias

- Is the website sponsored by an organization trying to sell a point of view or a company trying to sell a product?
- What are the opinions of the author? Why is the author trying to sway your opinion?

Relevance

- Is the website current?
- When was it written?
- When was it last updated?
- Are there links to more up-to-date information?

Links

- Are links live?
- Are links up-to-date?
- Are the links relevant to the topic or do the links send you to advertisements?

Jan 11-12:12 PM

Practice:

p.258# 1, 2, 5, 6, 7

Jan 11-12:22 PM

Jun 12-10:00 AM